

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09902064</u>	Prepared by <u>JFE</u>	Tracking Number <u>0907496</u>	
Examiner-GAU <u>Sze FCIX-1714</u>	Date <u>6-21-04</u>	Week Date <u>2-23-04</u>	
	No. of queries <u>3</u>	<u>T,FW</u>	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

[illegible]



Brooks Kushman P.C.  
1000 Town Center, Twenty-Second Floor  
Southfield, MI 48075-1238 USA

Telephone: (248) 358-4400  
Fax: (248) 358-3351

[www.brookskushman.com](http://www.brookskushman.com)

## FAX

To: Examiner Peter Szekely  
Company: United States Patent and Trademark Office  
Fax No.: (571) 273-1124  
Phone No.:  
From: Michael S. Brodbine  
Date: June 28, 2004 Approx. Time: 11:00 a.m.  
File No.: UOM 0200 PUSP Total Pages (w/cover): 6

### Message:

Serial No.: 09/902,064

Examiner Szekely:

Per your telephone call today, attached are copies of the PTO 1449 Forms you requested. Please let me know if there is anything else you need.

Michael S. Brodbine



PTO/SB/08A (10-96) (MODIFIED)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information if it does not display this burden estimate.					
Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	09/902,064		
		Filing Date	July 10, 2001		
		First Named Inventor	Victor C. Li et al.		
		Group Art Unit	1714		
		Examiner Name	Unknown		
Sheet	1	of	1	Attorney Docket Number	UOM 0200 PUSP

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Peter Szekely	Date Considered	6/29/04
-----------------------	---------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. \* Applicant is to place a check mark here if English language translation is attached.





PTO/SB/08A (10-98) [MODIFIED]

Approved for use through 10/31/99, OMB 0551-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/902,064
				Filing Date	July 10, 2001
				First Named Inventor	Victor C. Li et al.
				Group Art Unit	1714
Examiner Name	Unknown				
Sheet	1	of	2	Attorney Docket Number	UOM 0200 PUSP

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
P.S.		3,638,377		Caspe	02-01-1972	
P.S.		4,407,676		Restrepo	10-04-1983	
P.S.		4,587,773		Valencia	05-13-1986	
P.S.		4,644,714		Zayas	02-24-1987	
P.S.		4,799,339		Kobori et al.	01-24-1989	
P.S.		4,881,350		Wu	11-21-1989	
P.S.		4,883,250		Yano et al.	11-28-1989	
P.S.		4,922,667		Kobori et al.	05-08-1990	
P.S.		5,043,033		Fyfe	08-27-1991	
P.S.		5,502,932		Lu	04-02-1996	
P.S.		5,660,007		Hu et al.	08-26-1997	
P.S.		5,983,582		Vugrek	11-16-1999	
P.S.		6,012,256		Aschheim	01-11-2000	
P.S.		6,189,286		Seible et al.	02-20-2001	
P.S.		6,194,051		Gagás et al.	02-27-2001	
P.S.		6,237,303		Allen et al.	05-29-2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Peter Seibel</i>	Date Considered	6/28/04
-----------------------	---------------------	--------------------	---------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number. <sup>3</sup>See attached Kinds of U.S. Patent Documents. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-98) [reproduced]  
 Approved for use through 10/31/99. OMB 0651-0031  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/902,064
				Filing Date	July 10, 2001
				First Named Inventor	Victor C. Li et al.
				Group Art Unit	1714
Examiner Name	Unknown				
Sheet	2	of	2	Attorney Docket Number	UOM 0200 PUSP
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
P.S.		H. FUKUYAMA, Y. MASUDA, Y. SONOBE, and M. TANIGAKI, "Structural Performances of Concrete Frame Reinforced with FRP Reinforcement," NON-METALLIC (FRP) REINFORCEMENT FOR CONCRETE STRUCTURES, 1995, E & FN Spon, England.			
P.S.		Z. LIN, T. KANDA and V. C. LI, "On Interface Property Characterization and Performance of Fiber-Reinforced Cementitious Composites," CONCRETE SCIENCE AND ENGINEERING, September 1999, pp. 173-184, Vol. 1, RILEM Publications S.A.R.L.			
P.S.		V. C. LI, "Metal-Like Concrete for Constructed Facilities," PowerPoint presentation presented in Ann Arbor, Michigan, in May, 2000.			
		V. C. LI and C. LEUNG, "Steady-State and Multiple Cracking of Short Random Fiber Composites," JOURNAL OF ENGINEERING MECHANICS, November 1992, pp. 2246-2264, Vol. 118, No. 11, ASCE.			

Examiner Signature	Peter Sevels	Date Considered	6/29/04
-----------------------	--------------	--------------------	---------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number. <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows: The dependencies of claims 6 and 29 have been changed from claims 5 and 9 respectively, to claim 1.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Szekely whose telephone number is (571) 272-1124. The examiner can normally be reached on 7:00 a.m.-5:30 p.m. Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on (571) 272-1119. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Application/Control Number: 09/902,064

Page 3

Art Unit: 1714



Peter Szekely  
Primary Examiner  
Art Unit 1714

P.S.  
6/29/04